

ABSTRACT

A fluoropolymer producing method which comprises
5 polymerizing a radical polymerizable monomer in a manner of
continuous polymerization to give the fluoropolymer,
wherein the defined reaction-field is in a
supercriticality-expression state and under a pressure of not
higher than 40 MPa and a temperature of not higher than that
10 higher by 100°C than the supercriticality-expression
temperature of the defined reaction-field,
said radical polymerizable monomer comprises a
fluorine-containing ethylenic monomer, and
said fluoropolymer has a weight average molecular weight
15 [Mw] of not lower than 150,000 as determined on the polystyrene
equivalent basis and
a ratio [Mw/Mn] of the weight average molecular weight [Mw]
on the polystyrene equivalent basis to a number average
molecular weight [Mn] of the fluoropolymer on the polystyrene
20 equivalent basis is higher than 1 but not higher than 3.